

07.2-210 Checking fuel pump

Test values

	Measuring point	prior to pump inlet
Vacuum (suction end)	at starting speed mbar (mm Hg)	335–470 (250–350)
	max. pressure drop within first minute mbar (mm Hg)	95 (70)
Delivery pressure (pressure end)	Measuring point	following pump outlet
	at starting speed bar gauge pressure	0.20
	max. pressure drop within first minute bar gauge pressure	0.05

Special tool

Clamp	 11004-490	000 589 40 37 00
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Conventional tool

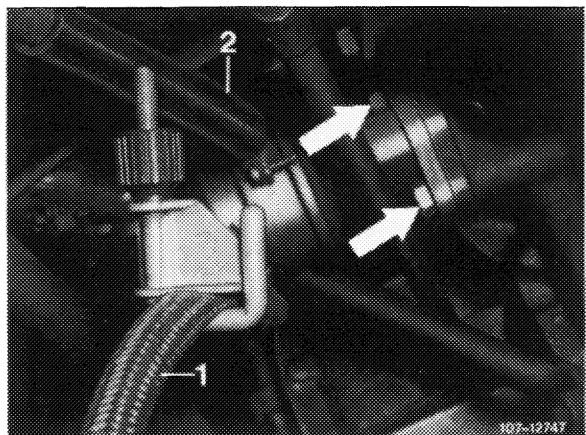
Fuel pump pressure vacuum tester	e.g. made by Bosch, EFAW 177
	e.g. made by SUN, VPT 212

Checking vacuum at suction end

- 1 Short ignition system. For this purpose, connect cable from ground to terminal 1 of ignition coil.
- 2 Pinch suction hose. Pull off suction and pressure hose.

Connect tester at suction end.

1 Suction hose
2 Pressure hose



3 Crank engine with starting motor until vacuum is no longer increasing. Compare indicated value with rated value. Watch pressure drop.

Checking delivery pressure at pressure end

4 Connect tester at pressure end.

5 Crank engine with starting motor until delivery pressure is no longer increasing. Compare indicated value with rated value. Watch pressure drop.

Note: If the vacuum or delivery pressure is not attained, check whether infiltrated (false) air is sucked in at rubber sealing ring (1). Renew sealing ring, if required, and repeat test.

